

# Converting Colors

Hex(18E66E)

Have a look what the booklet for  
Hex(18E66E) contains.

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**Color**

**Hex(18E66E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18E66E
RGB	24, 230, 110
RGB Percent	9%, 90%, 43%
CMY	0.9059, 0.0980, 0.5686
CMYK	0.90, 0.00, 0.52, 0.10
HSL	145°, 81%, 50%
HSV	145°, 90%, 90%
XYZ	31.4880, 57.9136, 24.2707
YIQ	154.7260, -84.2560, -80.9920

# Conversions

## Conversions Part 2

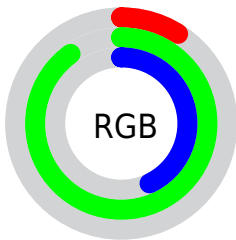
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 169, 230
Decimal	1631854
CIELab	80.69, -70.80, 45.44
CIELCh	81, 84.129, 147.306
Yxy	57.9136, 0.2770, 0.5095
Android (android.graphics.Color)	4279821934 (0xFF18E66E)
YUV	154.7260, -22.0499, -114.6467
Hunter-Lab	76.1010, -59.3196, 34.3615

# Details

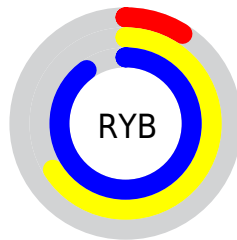
The Hex color **18E66E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E61890**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFA4**, and **00AD3A** is the 20% darker color. If you saturate the color by 10%, you get **01E661**, and if you desaturate by 10%, it is **2FE67B**.

# Distribution



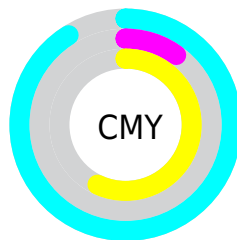
- Red (9%)
- Green (90%)
- Blue (43%)



- Red (9%)
- Yellow (66%)
- Blue (90%)



- Cyan (90%)
- Magenta (0%)
- Yellow (52%)
- Black (10%)



- Cyan (91%)
- Magenta (10%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18E66E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 18E66E by changing the saturation by 10% instead.



 18E66E


 18E66E

FFFFFF

 00C954

 72FFA4

 00AD3A

 93FFC0

 00911F

 B3FFDC

 007600

 D2FFF9

 005C00

 F2FFFF

 004200

 002A00

 000500

 000000

 18E66E

 18E66E

 01E661

 2FE67B

 00E660

 46E689

 5DE696

 74E6A4

 8BE6B1

 A2E6BE

 B9E6CC

 D0E6D9

 E7E6E7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8D923



18E66E



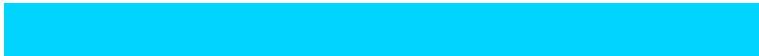
00ECBE

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18E66E



00D4FF



FF8285

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18E66E



E61890

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF78D3



18E66E



B8B6FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18E66E



00E5FF



FF92FF



FFA340

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18E66E



00EDF5



FF92FF



FF7B9E

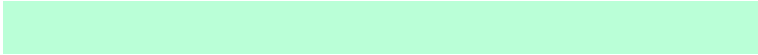


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18E66E



BAFFD7



90E618



578068



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18E66E



00FF6A



18E6D5



67736C



00B34B



003315



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E61890



FF0095



E61829



73676E



B30068

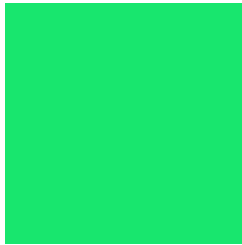


33001E



# Previews

## White Background



This preview shows how the Hex color 18E66E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 18E66E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

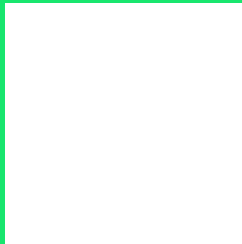
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 18E66E Background



This preview shows how black text looks on a background with the Hex color 18E66E.

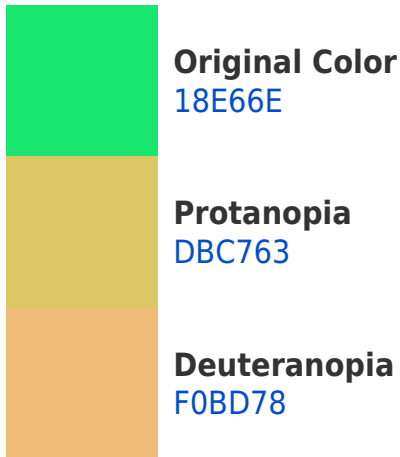


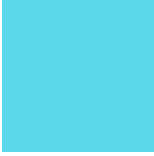
This preview shows how white text looks on a background with the Hex color 18E66E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
5BD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18E66E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #18E66E looks like.

```
.text, #text, p{  
    color:#18E66E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #18E66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18E66E
}
```

## Border

The CSS property to change the border of an element to Hex 18E66E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18E66E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#18E66E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #18E66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18E66E; -webkit-box-shadow:4px 4px  
4px 4px #18E66E; box-shadow:4px 4px 4px  
4px #18E66E }
```

# Background

The CSS property to change the background color of an element to Hex 18E66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18E66E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#18E66E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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